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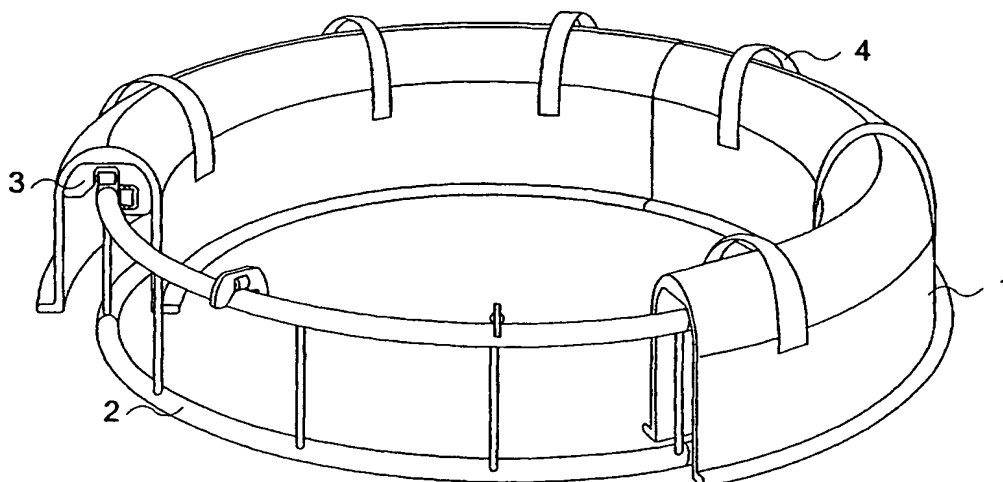
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(54) Title: JOLLY CIRCLE



(57) Abstract: The jolly circle is a multifunctional product characteristic with its upper ring body (1) situated on the lower ring body (2) while the ring bodies (1 and 2) are arranged in a segmental way. Upper ring body travelling part (1) being provided with a guide (3) and situated rotationally on the lower ring body (2). Upper ring body travelling part (1) provided with handles (4). Upper ring body (1) provided with a circular plate or body (5). Ring bodies (1 or 2) provided with a guide. Upper ring body (1) provided with a filler (6). Upper ring body (1) supplemented by a shelter (7). Lower ring body (2) provided by a flexible network (8). Upper ring body (1) or its segments forming elements and/or a form for small architecture elements (9).

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JOLLY CIRCLE

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Technology

A technical design related to the jolly circle, which is a multi-functional product for a production of a merry-go-round, swimming-pool, universal turntable, tent, etc.

The Up-to Now Technical Status

The up-to-now known children merry-go-rounds are mostly of huge sizes, electrically driven, designed for amusement parks. Their biggest disadvantage is that the external circular platform on which variously modified children seats are situated is connected with the eccentric rotating mechanism by the means of arms which, in case of a child falling down within the area between the platform and rotating mechanism immediately acts as cutters with all following consequences. Also smaller and small sized children merry-go-rounds are known, the construction of which can cause an injury of children due to their extruding functional parts or arms while rotating against a fixed base.

The existing known designs of children merry-go-rounds are single-purpose facilities providing just the only function. They cannot be easily dismantled and transported.

A Technical Design Substance

The above stated shortages are significantly removed by a jolly circle according to a technical design the substance of which consists in its upper ring body situated on a lower ring body, while the ring bodies are arranged in a segmental way. The travelling part of the upper ring body is provided with a guide and placed in a rotating way on the lower ring body. The travelling part of the ring body is provided with handles. The upper ring body is provided with a circular plate of body. The ring bodies are provided with a guide. The upper ring body is provided with a filler. The upper ring body is supplemented by a shelter. The lower ring body is provided with a flexible network. The upper ring body or its segments create elements and/or a form for the small architecture elements.

The facility according to the technical design, especially the ring parts of the children merry-go-round do not comprise element which could cause any injury due to the rotating movement.

Its advantage consists in the segmential arrangement enabling easy dismantling and assembly to produce various multifunctional facilities. In addition, it allows easy transport to a destination either in the interior or exterior.

A Review of Pictures in the Drawing

The respective technical design can be better clarified by the means of a drawing, where Fig. 1 shows a children ring merry-go-round in a partial sectional view, Fig. 2 a, b show a universal turntable, Fig. 3 a, b show a swimming-pool supplemented by a parasol, Fig. 4 a, b show a children tent, shelter or stand, Fig. 5 a, b show a children trampoline, Fig. 6 shows small architecture elements and Fig. 7 shows the arrangement of small architecture elements in the terrain. Fig. 2 a to 5 a show sets of individual products and Fig. 2 b to 5 b show individual products produced from the basic jolly elements according to the technical design.

Technical Design Performance Examples

The jolly which is a multifunctional products consists or an upper ring body 1 situated on the lower ring body 2, while the ring bodies 1 and 2 are arranged in a segmential way. The travelling part of the upper ring body 1 is provided with a guide 3 and it is rotationally placed on the lower ring body 2. The upper ring body travelling part 1 is provided with handles 4. The upper ring body 1 is provided with a circular plate of circular body 5 forming a universal turntable 10. The upper ring body 1 is provided with a filler 6 forming a swimming-pool 11 or a place for children playing. The upper ring body 1 is supplemented by a shelter 7 forming a tent 12, shelter, sales stand etc. The lower ring body 2 is provided with a flexible network 8 forming a children trampoline 13. The upper ring body 1 or its segments form elements and/or a form for small architecture production 9.

Industrial Applicability

The jolly or its elements according to the technical design is a multifunctional product which can be applied especially as a

children toy, but. simultaneously, also as a promotional area, small architecture elements etc. both in the interior and exterior.

P R O T E C T I O N D E M A N D S

1. The jolly is a multifunctional product characteristic with its upper ring body (1) situated on the lower ring body A2) while the ring bodies (1 and 2) are arranged in a segmental way.
2. The jolly according to the demand 1 is characteristic by its upper ring body travelling part (1) being provided with a guide (3) and situated rotationally on the lower ring body (2).
3. The jolly according to the demands 1 and 2 is characteristic by its upper ring body travelling part (1) provided with handles (4).
4. The jolly according to any of the demands 1 to 3 is characteristic by its upper ring body (1) provided with a circular plate or body (5).
5. The jolly according to the demand 4 is characteristic by its ring bodies (1 or 2) provided with a guide.
6. The jolly according to the demand 1 is characteristic by its upper ring body (1) provided with a filler (6).
7. The jolly accordint to any of the demands 1 to 6 is characteristic by its upper ring body (1) supplemented by a shelter (7).
8. The jolly according to the demand 1 is characteristic by its lower ring body (2) provided by a flexible network (8).
9. The jolly according to the demend 1 is characteristic by its upper ring body (1) or its segments forming elements and/or a form for small architecture elements (9).

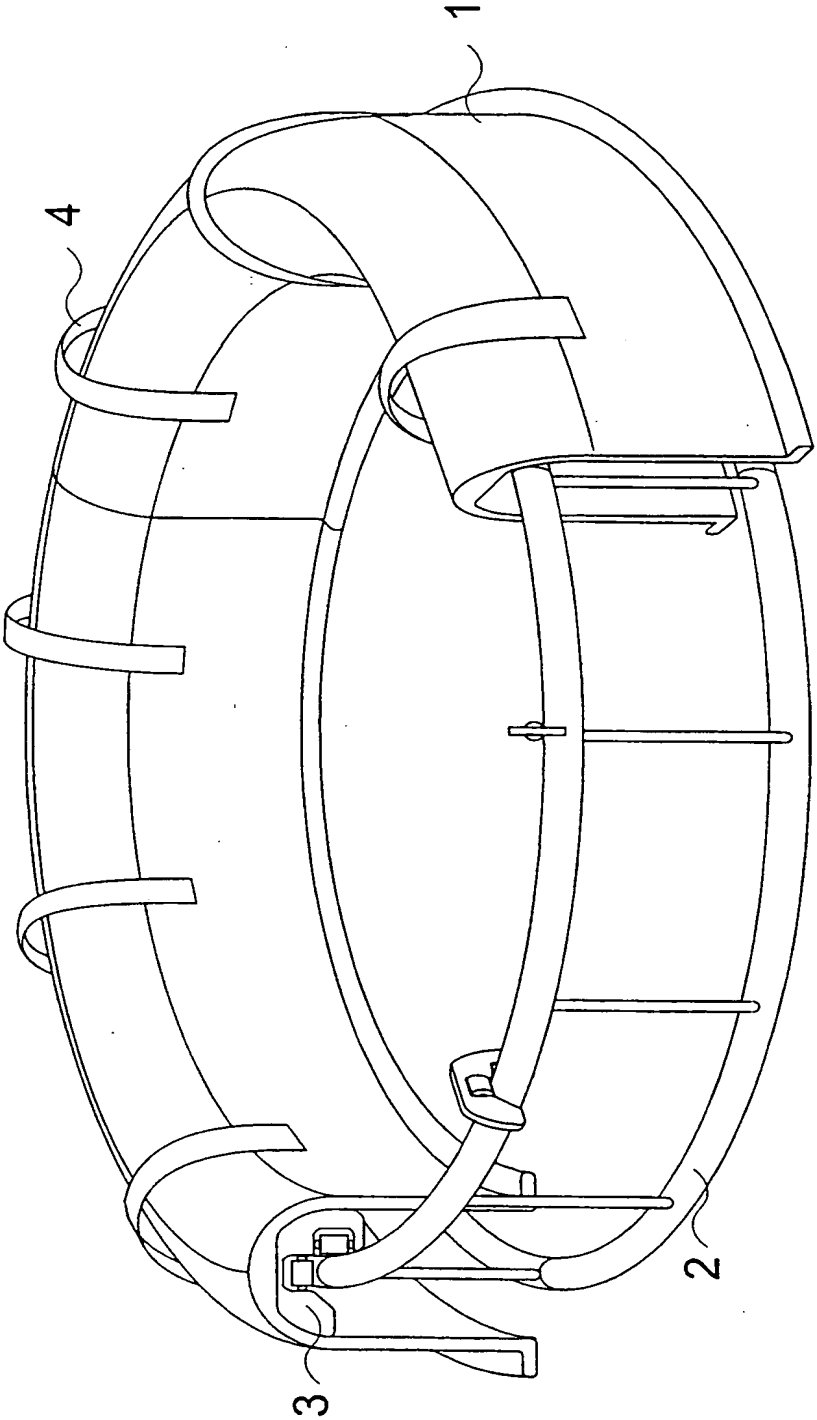


Fig. 1

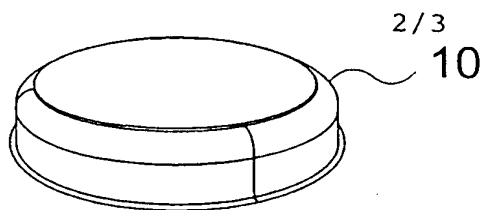


Fig. 2 b

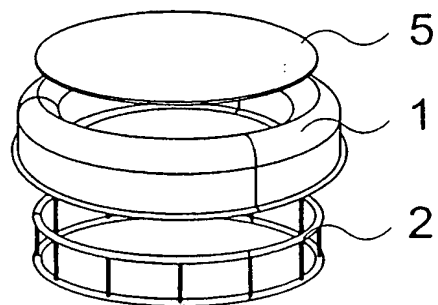


Fig. 2 a

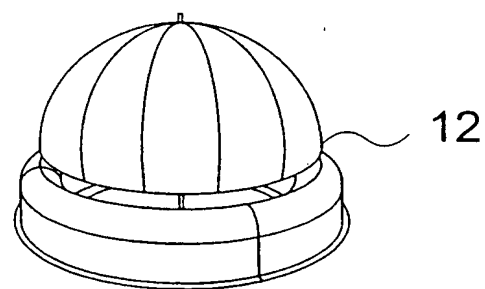


Fig. 4 b

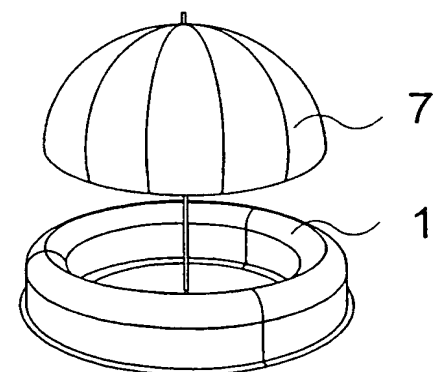


Fig. 4 a

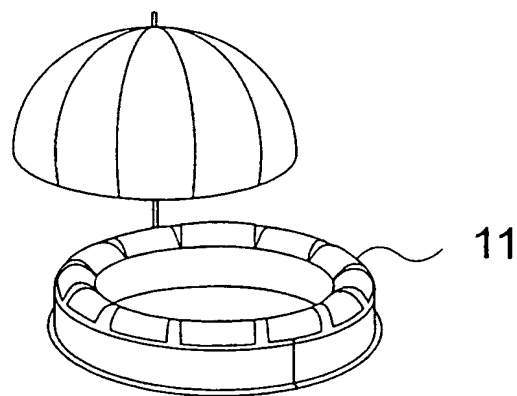


Fig. 3 b

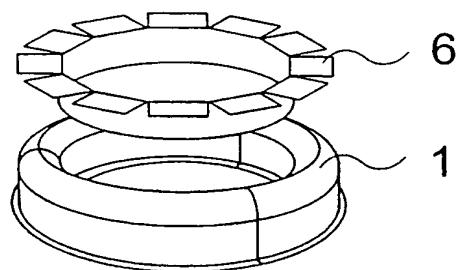


Fig. 3 a

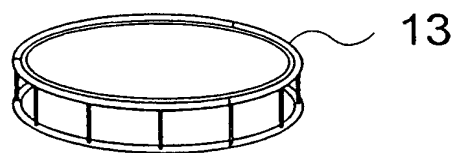


Fig. 5 b

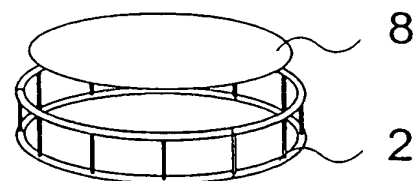


Fig. 5 a

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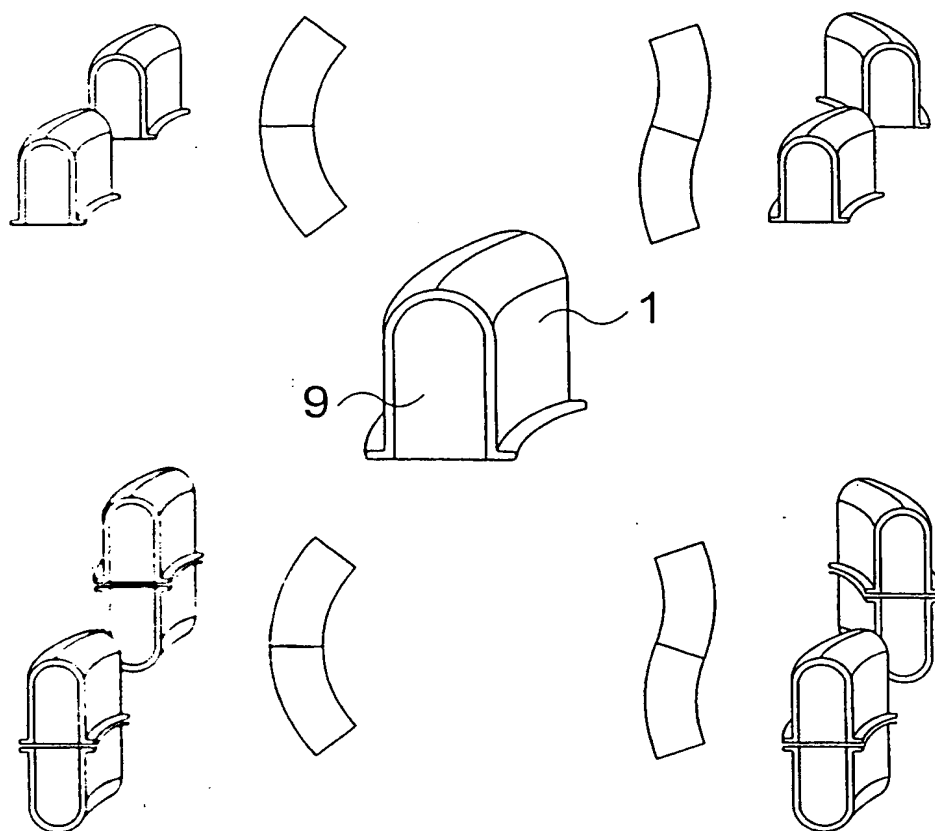


Fig. 6

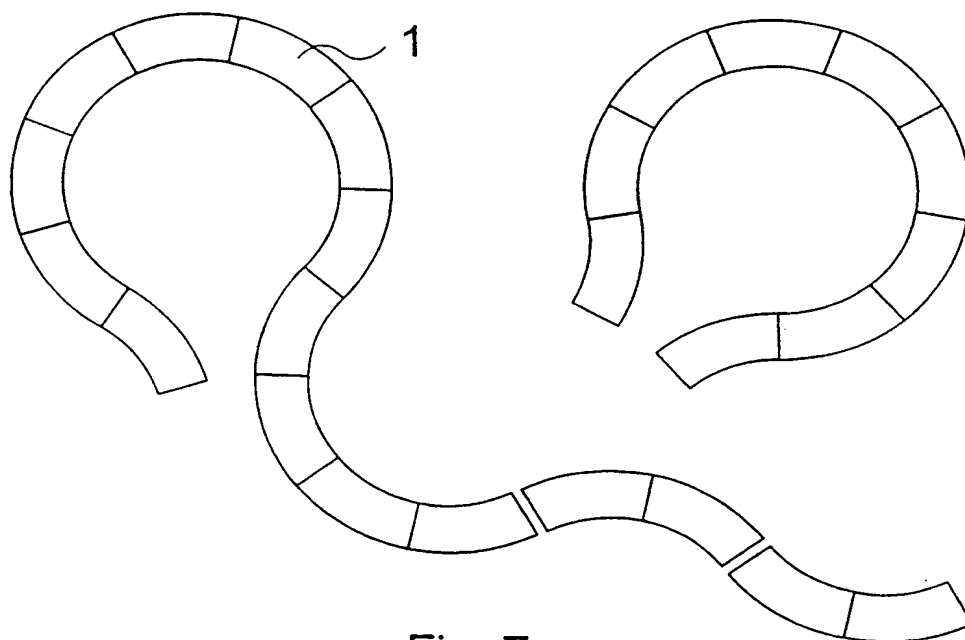


Fig. 7

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CZ 99/00030

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A63G1/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 268 545 A (MARCHAND SPORTS) 21 November 1975 (1975-11-21)	1,3,6,9
Y	the whole document	4,5,7
X	DE 10 10 426 B (GRÜNZIG) 13 June 1957 (1957-06-13)	1-3
X	US 2 012 378 A (DITTMAR ET AL) 27 August 1935 (1935-08-27)	1-3,6
X	US 2 730 366 A (ETHERINGTON) 10 January 1956 (1956-01-10)	1-3,6
Y	figures	8

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *E* earlier document but published on or after the international filing date
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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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